

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 5498 | (altimeter or altimetric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:57 |
| L2 | 83551 | radar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:58 |
| L3 | 1740 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:58 |
| L4 | 8499 | oscillator same (random or randomly) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:58 |
| L5 | 45 | 3 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:13 |
| L6 | 3491 | ((342/120) or (342/121) or (342/122) or (342/123) or (342/131) or (342/132) or (342/134) or (342/135) or (342/195) or (342/200) or (342/201) or (342/202) or (342/203) or (342/204) or (342/205)),CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/17 14:16 |
| L7 | 1708 | 6 and @ad<="20040217" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:17 |

SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10780411

EAST: search history attached

Search terms:

radar <and> (altimeter <or> altimetric) <and> (random <or> randomly)

- 1. Improving the detection capability of spatial failure modes using downward-looking sensors in terrain database integrity monitors**
Vadlamani, A.; de Haag, M.U.;
Digital Avionics Systems Conference, 2003. DASC '03. The 22nd
Volume 2, 12-16 Oct. 2003 Page(s):9.C.5 - 91-12 vol.2
- 2. An algorithm for time series analysis of ice sheet surface elevations from satellite altimetry**
Davis, C.H.; Segura, D.M.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 39, Issue 1, Jan. 2001 Page(s):202 - 206
- 3. Bistatic model of ocean scattering**
Picardi, G.; Seu, R.; Sorge, S.G.; Neira, M.M.;
Antennas and Propagation, IEEE Transactions on
Volume 46, Issue 10, Oct. 1998 Page(s):1531 - 1541
- 4. Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover**
Harding, D.J.; Bufton, J.L.; Frawley, J.J.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 32, Issue 2, March 1994 Page(s):329 - 339
- 5. Receiver characteristics of laser altimeters with avalanche photodiodes**
Sun, X.; Davidson, F.M.; Boutsikaris, L.; Abshire, J.B.;
Aerospace and Electronic Systems, IEEE Transactions on
Volume 28, Issue 1, Jan. 1992 Page(s):268 - 275
- 6. Multibeam radar altimetry: spaceborne feasibility**
Miller, L.S.; Brown, G.S.; Choy, L.W.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 29, Issue 3, May 1991 Page(s):465 - 469
- 7. Bathymetric and oceanographic applications of Kalman filtering techniques**
Brammer, R.; Pass, R.; White, J.;
Automatic Control, IEEE Transactions on
Volume 28, Issue 3, Mar 1983 Page(s):363 - 371
- 8. The average impulse response of a rough surface and its applications**
Brown, G.;
Oceanic Engineering, IEEE Journal of
Volume 2, Issue 1, Jan 1977 Page(s):67 - 74
- 9. Problems inherent in using aircraft for radio oceanography studies**
Walsh, E.;
Oceanic Engineering, IEEE Journal of
Volume 2, Issue 1, Jan 1977 Page(s):145 - 149
- 10. Problems inherent in using aircraft for radio oceanography studies**
Walsh, E.;
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]
Volume 25, Issue 1, Jan 1977 Page(s):145 - 149
- 11. The average impulse response of a rough surface and its applications**
Brown, G.;
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Volume 25, Issue 1, Jan 1977 Page(s):67 - 74

IN SPEC SEARCH

10/780411

Search strategy

| No. | Database | Search term | Info added since | Results |
|-----|----------|--|------------------|---------|
| 1 | INZZ | radar AND (altimeter OR altimetric) AND (random OR randomly) | unrestricted | 33 |

Saved: 17-Apr-2005, 20:20:39 CET

Improving the detection capability of spatial failure modes using downward-looking sensors in terrain database integrity monitors.

Author(s)

Vadlamani-A; de-Haag-M-U.

Source

22nd Digital Avionics Systems Conference. Proceedings, vol.2, Indianapolis, IN, USA, 12–16 Oct. 2003.
In: p.9.C.5–1–12 vol.2, 2003.

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Assessment of the cycle-to-cycle noise level of the Geosat Follow-On, TOPEX, and Poseidon altimeters.

Author(s)

Tran-N; Hancock-D-W-III; Hayne-G-S; Lockwood-D-W; Vandemark-D; Driscoll-M-L; Sailor-R-V.

Source

Journal-of-Atmospheric-and-Oceanic-Technology (USA), vol.19, no.12, p.2095–107, Dec. 2002. ,
Published: American Meteorol. Soc.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Random fluctuations of snow accumulation over Antarctica and their relation to sea level change.

Author(s)

Remy-F; Testut-L; Legresy-B.

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Climate-Dynamics (Germany), vol.19, no.3–4, p.267–76, July 2002. , Published: Springer-Verlag.

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An algorithm for time series analysis of ice sheet surface elevations from satellite altimetry.

Author(s)

Davis-C-H; Segura-D-M.

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IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.39, no.1, p.202–6, Jan. 2001. ,
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Importance of peakedness in sea surface slope measurements and applications.

Author(s)

Chapron-B; Kerbaol-V; Vandemark-D; Elfouhaily-T.

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Bistatic model of ocean scattering.

Author(s)

Picardi-G; Seu-R; Sorge-S-G; Neira-M-M.

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Digital signal processing in a spaceborne radar altimeter.

Author(s)

Crowley-R-D; Walker-D-M.

Source

Proceedings of 5th International Conference on Signal Processing Applications and Technology, vol.2, Dallas, TX, USA, 18-21 Oct. 1994.
In: p.1338-43 vol.2, 1994.

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Numerical analysis of the sea state bias for satellite altimetry.

Author(s)

Glazman-R-E; Fabrikant-A; Srokosz-M-A.

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Journal-of-Geophysical-Research (USA), vol.101, no.C2, p.3789-99, 15 Feb. 1996. , Published: American Geophys. Union.

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Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover.

Author(s)

Harding-D-J; Bufton-J-L; Frawley-J-J.

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IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.32, no.2, p.329-39, March 1994.

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Bidirectional RF-modulated fiber-optic link for intra-satellite communications.

Author(s)

Suter-J-J; Poret-J-C; Bhatnagar-V.

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Photonics for Space Environments II, Orlando, FL, USA, 5-6 April 1994. Sponsors: SPIE.
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On the expected structure of extreme waves in a Gaussian sea. II. SWADE scanning radar altimeter measurements.

Author(s)

Phillips-O-M; Gu-D; Walsh-E-J.

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Journal-of-Physical-Oceanography (USA), vol.23, no.10, p.2297-309, Oct. 1993.

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Time and space scales of significant wave heights.

Author(s)

Tournadre–J.

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Pancakelike domes on Venus.

Author(s)

McKenzie–D; Ford–P–G; Liu–F; Pettengill–G–H.

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Journal–of–Geophysical–Research (USA), vol.97, no.E10, p.15967–76, 25 Oct. 1992.

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Receiver characteristics of laser altimeters with avalanche photodiodes.

Author(s)

Sun–X; Davidson–F–M; Boutsikaris–L; Abshire–J–B.

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IEEE–Transactions–on–Aerospace–and–Electronic–Systems (USA), vol.28, no.1, p.268–75, Jan. 1992.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Multibeam *radar* altimetry: spaceborne feasibility.

Author(s)

Miller–L–S; Brown–G–S; Choy–L–W.

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Local climatology of wind and sea state by means of satellite *radar altimeter* measurements.

Author(s)

Tournadre–J; Ezraty–R.

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A re–examination of *radar* terrain backscattering at nadir.

Author(s)

Eom–H–J; Boerner–W–M.

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IEEE–Transactions–on–Geoscience–and–Remote–Sensing (USA), vol.GE–24, no.2, p.232–4, March 1986.
Translation in: A06.

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On the joint distribution of surface elevation and slopes for a nonlinear *random* sea, with an application to *radar* altimetry.

Author(s)

Srokosz-M-A.

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Journal-of-Geophysical-Research (USA), vol.91, no.C1, p.995-1006, 15 Jan. 1986.
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A re-examination of *radar* terrain-backscattering at nadir.

Author(s)

Eom-H-J; Boerner-W-M.

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Sponsors: IEEE.
Published: IEEE, New York, NY, USA, 1985, 470+102 pp
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Author(s)

Tarducci-D.

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Bathymetric and oceanographic applications of Kalman filtering techniques.

Author(s)

Brammer-R-F; Pass-R-P; White-J-V.

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A theory for near-normal incidence microwave scattering from first- year sea ice.

Author(s)

Brown-G-S.

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Radio-Science (USA), vol.17, no.1, p.233-43, Jan.-Feb. 1982.

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Author(s)

Jackson-F-C.

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Problems inherent in using aircraft for radio oceanography studies.

Author(s)

Walsh-E-J.

Source

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The average impulse response of a rough surface and its applications.

Author(s)

Brown-G-S.

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IEEE-Journal-of-Oceanic-Engineering (USA), vol.OE-2, no.1, p.67-74, Jan. 1977.

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Problems inherent in using aircraft for radio oceanography studies.

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Walsh-E-J.

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The average impulse response of a rough surface and its applications.

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A satellite radar altimeter for a geodetic application.

Author(s)

MacArthur-J-L; Goldfinger-A-D.

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Author(s)

Harger-R-O.

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Accuracy of satellite *radar altimeter* measurements.

Author(s)

Greene–A–H; Ed. by Henrikson–S–W; Armando–M; Chovitz–B–H.

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Published: American Geophys. Union, Washington, DC, USA, 1972, xii+298 pp.

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Doppler *radar* simulation studies.

Author(s)

Stanley–W–D.

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Satellite altimetry using ocean backscatter.

Author(s)

Berger–T.

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The exploration of realistic short–arc orbit prediction and satellite *altimeter* data utilization (Final Report, 26 Jun. 1969–26 Apr. 1970).

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Computer Sci. Corp., Los Angeles, CA, USA, April 1970, 150 pp.

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